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- 1** An effective congestion control scheme for ATM networks 100%

Mohsen H. Guizani  
**International Journal of Network Management** March 1998  
 Volume 8 Issue 2  
 Congestion control is considered one of the most challenging issues of ATM. Simulation results are presented which show the performance superiority of the proposed scheme as compared to the conventional leaky bucket scheme. © 1998 John Wiley & Sons, Ltd.
- 2** Emerging mobile and wireless networks 100%

Upkar Varshney , Ron Vetter  
**Communications of the ACM** June 2000  
 Volume 43 Issue 6
- 3** Improving interactive performance using TIPME 100%

Yasuhiro Endo , Margo Seltzer  
**ACM SIGMETRICS Performance Evaluation Review , Proceedings of the 2000 ACM SIGMETRICS international conference on Measurement and modeling of computer systems** June 2000  
 Volume 28 Issue 1  
 On the vast majority of today's computers, the dominant form of computation is GUI-based user interaction. In such an environment, the user's perception is the final arbiter of performance. Human-factors research shows that a user's perception of performance is affected by unexpectedly long delays. However, most performance-tuning techniques currently rely on throughput-sensitive benchmarks. While these techniques improve the average performance of the system, they do littl ...

- 4** RASSP virtual prototyping of DSP systems 100%  
 C. Hein , J. Pridgen , W. Kline  
**Proceedings of the 34th annual conference on Design automation conference**  
 June 1997
- 5** A hierarchical fair service curve algorithm for link-sharing, real-time 100%  
 and priority services  
 Ion Stoica , Hui Zhang , T. S. Eugene Ng  
**ACM SIGCOMM Computer Communication Review , Proceedings of the ACM SIGCOMM '97 conference on Applications, technologies, architectures, and protocols for computer communication** October 1997  
 Volume 27 Issue 4  
 In this paper, we study hierarchical resource management models and algorithms that support both link-sharing and guaranteed real-time services with decoupled delay (priority) and bandwidth allocation. We extend the service curve based QoS model, which defines both delay and bandwidth requirements of a class, to include fairness, which is important for the integration of real-time and hierarchical link-sharing services. The resulting *Fair Service Curve link-sharing* model formalizes the go ...
- 6** Techniques for semi-automated implementation of state-oriented, real- 100%  
 time formal specifications in Ada  
 Sandeep Mitra , Leslie C. Lander , Thomas F. Piatkowski  
**Proceedings of the ninth Washington Ada symposium on Ada: Empowering software users and developers** July 1992
- 7** Packet network simulation: speedup and accuracy versus timing 100%  
 granularity  
 Jong Suk Ahn , Peter B. Danzig  
**IEEE/ACM Transactions on Networking (TON)** October 1996  
 Volume 4 Issue 5
- 8** A brief overview of ATM: protocol layers, LAN emulation, and traffic 100%  
 management  
 Kai-Yeung Siu , Raj Jain  
**ACM SIGCOMM Computer Communication Review** April 1995  
 Volume 25 Issue 2  
 Asynchronous Transfer Mode (ATM) has emerged as the most promising technology in supporting future broadband multimedia communication services. To accelerate the deployment of ATM technology, the ATM Forum, which is a consortium of service providers and equipment vendors in the communication industries, has been created to develop implementation and specification agreements. In this article, we present a brief overview on ATM protocol layers and current progress on LAN Emulation and Traffic ...
- 9** Comparison of rate-based service disciplines 100%  
 Hui Zhang , Srinivasan Keshav  
**ACM SIGCOMM Computer Communication Review , Proceedings of the conference on Communications architecture & protocols** August 1991  
 Volume 21 Issue 4

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**1** MAC protocol and traffic scheduling for wireless ATM networks 100%

Nikos Passas , Lazaros Merakos , Dimitris Skyrianoglou , Frédéric Bauchot , Gérard Marmigère , Stéphane Decrauzat

**Mobile Networks and Applications** September 1998

Volume 3 Issue 3

The Medium Access Control (MAC) protocol defined in the Wireless ATM Network Demonstrator (WAND) system being developed within the project Magic WAND is presented. Magic WAND is investigating extensions of ATM technology to cover wireless customer premises networks, in the framework of the Advanced Communications Technologies and Services (ACTS) programme, funded by the European Union. The MAC protocol, known as MASCARA, uses a dynamic TDMA scheme, which combines reservation- and contention ...

**2** Core based trees (CBT) 100%

Tony Ballardie , Paul Francis , Jon Crowcroft

**ACM SIGCOMM Computer Communication Review , Conference proceedings on Communications architectures, protocols and applications** October 1993

Volume 23 Issue 4

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